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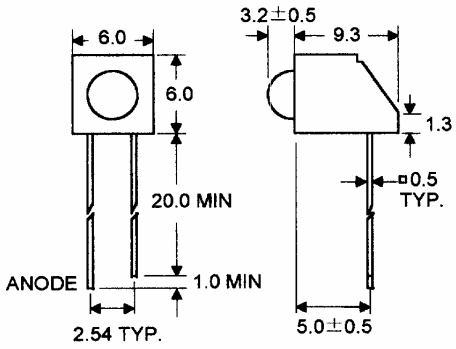
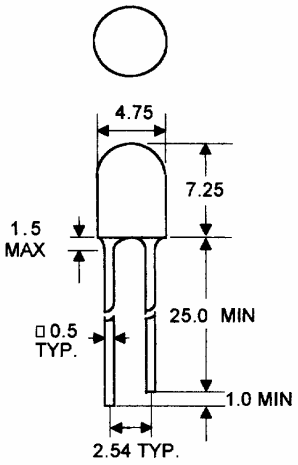
Jameco Part Number 104248

LIGITEK

ARRAY WITH LED LAMPS **LA93B/X-1** SERIES

Package Dimension





LX3130

Note: All dimension are in millimeter tolerance is ±0.25mm unless otherwise noted.

- **Part Selection And Application Information (Ratings At 25°C Ambient)**

PART NO	MATERIAL	COLOR		peak wave length λPnm	spectral halfwidth Δλ nm	forward voltage @20mA(v)		luminous intensity @10mA(mcd)		viewing angle 2θ 1/2 (deg)
		Emitted	*Len's*			*Min*	*Max*	*Min*	*Typ.*	
LA93B/R-1	GaAsP	Red	Red Diffused	655	40	1.5	2.0	1.5	2.5	46
LA93B/H-1	GaP	Red	Red Diffused	697	90	1.7	2.8	4.0	6.5	46
LA93B/G-1	GaP	Green	Green Diffused	565	30	1.7	2.8	18	30	46
LA93B/Y-1	GaAsP/GaP	Yellow	Yellow Diffused	585	35	1.7	2.8	15	25	46
LA93B/E-1	GaAsP/GaP	Orange	Orange Diffused	635	45	1.7	2.8	12	20	46
LA93B/I-1	GaAsP/GaP	Orange	Red Diffused	630	45	1.7	2.8	15	25	46

- **Absolute Maximum Rating (Ta=25°C)**

PARAMETER	RED		GREEN	YELLOW	ORANGE		UNIT	REMARK
	R	*H*	*G*	*Y*	*I*	*E*		
Forward Current	40	15	30	20	30	30	mA	
Peak Current Duty 1/10 @1Khz	200	60	120	80	120	120	mA	
Power Dissipation	80	40	100	60	100		mW	
Reverse Current @5V	10		10	10	10		μA	
Operating Temperature	-40°C TO +85°C							
Storage Temperature	-40°C TO +100°C							
Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)								

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